

In the Claims:

1. (Original) A portable hydro-generator, for the generation of power, including
a tower filled with a driving fluid;
a semi-sealed curved tubular housing with a drive portion and a return portion primed with a fluid,
said drive portion and return portion having differing tubular internal diameters;
an inlet means to allow said fluid to enter said semi-sealed curved tubular housing;
a plurality of paddles to harness a kinetic energy of said fluid entering said semi-sealed curved
tubular housing;
a linkage assembly to link said plurality of paddles;
a drive chamber;
a sprocket within said drive chamber to engage a portion of said paddles;
a power generator attached to said sprocket;
wherein said drive portion of semi-sealed tubular housing has a larger diameter than the return
portion.
2. (Original) A portable hydro-generator, for the generation of power according to claim 1, wherein
said drive portion further includes a pre-pressure chamber and a pressure chamber.
3. (Currently Amended) A portable hydro-generator, for the generation of power according to ~~any~~
~~one of the preceding claims~~ claim 1 wherein the inlet means allow said fluid to enter the semi-sealed tubular
housing at the drive portion.
4. (Currently Amended) A portable hydro-generator, for the generation of power according to ~~any~~
~~one of the preceding claims~~ claim 1 wherein the paddles are hinged to allow a stretched position and a closed
position.
5. (Currently Amended) A portable hydro-generator, for the generation of power according to ~~any~~
~~one of the preceding claims~~ claim 4 wherein the paddles are in ~~the~~ stretched position at the drive portion.
6. (Currently Amended) A portable hydro-generator, for the generation of power according to ~~any~~
~~one of the preceding claims~~ claim 4 wherein the paddles are in ~~the~~ closed position at the return portion.

7. (Currently Amended) A portable hydro-generator, for the generation of power according to ~~any one of the preceding claims~~ claim 13 wherein the semi-sealed curved tubular housing further includes a wedge at the drop-off point.

8. (Currently Amended) A portable hydro-generator, for the generation of power according to ~~any one of the preceding claims~~ claim 7 wherein the paddles interact with the wedge to rotate from a stretched position to a closed position.

9. (Currently Amended) A portable hydro-generator, for the generation of power according to ~~any one of the preceding claims~~ claim 1 wherein the semi-sealed tubular housing further includes guide walls to maintain the position of the paddles.

10. (Original) A portable hydro-generator, for the generation of power according to claim 9, wherein the guide walls maintain the paddles in a closed position at the return portion.

11. (Currently Amended) A portable hydro-generator, for the generation of power according to ~~any one of the preceding claims~~ claim 1 wherein the tower is positioned above said drive portion to effect a pressure head on the drive portion.

12. (Currently Amended) A portable hydro-generator, for the generation of power according to ~~any one of the preceding claims~~ claim 1 wherein the portable hydro-generator further includes a lower receptacle tank.

13. (Original) A portable hydro-generator, for the generation of power according to claim 12, wherein the return portion further includes a drop off point.

14. (Currently Amended) A portable hydro-generator, for the generation of power according to ~~any one of the preceding claims~~ claim 12 or 13 wherein the semi-sealed tubular enclosure is open to environmental pressures just after the drop off point and before the lower receptacle tank.

15. (Currently Amended) A portable hydro-generator, for the generation of power according to ~~any one of the preceding claims~~ claim 1 wherein the paddles rotably interacts with the sprocket ~~wheel~~.

16. (Currently Amended) A portable hydro-generator, for the generation of power according to ~~any one of the preceding claims~~ claim 1 wherein the lower receptacle tank further includes an overflow tank.

17. (Currently Amended) A portable hydro-generator, for the generation of power according to ~~any one of the preceding claims claim 1 or 16~~ wherein the overflow tank further includes a pump, to pump overflow water back to the tower.

18. (Currently Amended) A portable hydro-generator, for the generation of power according to ~~any one of the preceding claims claim 1~~ wherein the drive chamber further includes a an abutment to allow paddles in a closed position to rotate to a stretched position.

19. (Currently Amended) A portable hydro-generator, for the generation of power according to claim 18 wherein the abutment is positioned just after a top dead center of the sprocket ~~wheel~~.

20. (Currently Amended) A portable hydro-generator, for the generation of power according to ~~any one of the preceding claims claim 1~~ wherein the paddles are positioned such that the drive portion is sealed.

21. (Currently Amended) A portable hydro-generator, for the generation of power according to ~~any one of the preceding claims claim 1~~ wherein the inlet means is a system of conduits.

22. (Currently Amended) A paddle, adaptable to be used in ~~any one of the preceding claims claim 1~~, including

a top surface;

a bottom surface;

seals to prevent water leakage through the paddles;

a linkage bar to allow an attachment of said paddle to a subsequent paddle;

wherein the top surface of the paddle further includes studs to increase the effective surface area of the top surface of the paddle.

23. (Original) A paddle according to claim 22, wherein the paddle is made from a water resistant material.